

IEP - Significant Events in the Past Year

Randall Brown, DWR

The IEP continues to evolve while at the same time continuing to collect essential environmental data. A few important events in the past 12 months are:

- IEP held it annual workshop at Asilomar on February 26, 27, and 28, 1997. About 300 agency staff, stakeholders and invited speakers attended the 3-day meeting. The workshop was held in conjunction with the Bay/Delta Modeling Forum.
- The coordinators met for two days near the end of July 1997 to discuss any needed program changes. The coordinators, management team and project work teams are implementing many of the recommendations, in particular those that make the existing program more effective. We will be holding a follow-up meeting this summer.
- For the first time, director approval of recommended program and budget occurred as part of a regularly scheduled meeting of the CALFED Policy Group. (The directors typically met each fall to specifically review and approve the program and budget for the following year.) The coordinators recommended the meeting change to emphasize the fact that IEP is an integral part of CALFED. Table 1 has the funding approved for 1998 by agency.
- The coordinators recognize the importance of converting field and laboratory data into information and making that information available in technical reports, newsletter

articles, and in the open literature. To that end Perry Herrgesell has established an aggressive publishing policy in DFG's Stockton office with the following papers either published, accepted, or submitted for publication. (An additional 20+ articles and technical reports are in various stages of preparation.)

Ray Schaffter. White sturgeon spawning migrations and location of spawning habitat in the Sacramento River, California. *California Fish and Game* 83(1):1-21.

Ray Schaffter and Dave Kohlhorst. White catfish mortality rates in the Sacramento-San Joaquin Delta. Accepted by *California Fish and Game* for 83(2).

Ray Schaffter. White catfish growth rates in the Sacramento-San Joaquin Delta. Accepted by *California Fish and Game* for 83(2).

Ted Sommer, Randall Baxter, and Bruce Herbold. The resilience of splittail in the Sacramento-San Joaquin Estuary.

Jane Arnold and Holly Yue. Prevalence, relative abundance and mean intensity of plerocercoids of *Proteocephalus* sp. In young striped bass in the Sacramento-San Joaquin Estuary. Accepted by *California Fish and Game*.

Jane Arnold and Gary Hendrickson. Bacterial shell disease in Crangonid shrimp. Accepted by *California Fish and Game*.

Richard A. Modlin and James Orsi. Description of *Acanthomysis bowmani* (Crustacea: Mysidacea) from the Sacramento-San Joaquin Estuary, California. Accepted by the *Proceedings of the Biological Society of Washington*.

Russell Gartz, Bob Fujimura, Lee Miller, and Paul Smith. Measurement of larval striped bass, *Morone saxatilis*, net avoidance using evasion radius estimation to improve estimates of abundance and mortality. Submitted to the *Journal of Plankton Research*.

The list of publications from DFG and other IEP agency staff will be updated in subsequent newsletters.

Table 1											
1997-98 Proposed Interagency Funding Transfers and Agency Self-Funding Levels											
(thousands of dollars)											
AGENCY (from)	DWR	DFG	SWRCB	USBR	USFWS	USGS	USEPA	NMFS	USACE	CVPIA	Total
AGENCY (to)											
DWR	2,844	0	0	438	0	0	0	0	0	53	3,335
DFG	2,160	1,296	0	1,548	0	0	0	0	0	305	5,309
SWRCB	0	0	10	0	0	0	0	0	0	0	10
USBR	0	0	0	1,150	0	0	0	0	0	0	1,150
USFWS	264	0	0	368	181	0	0	0	0	517	1,330
USGS	357	0	0	426	0	760	0	0	0	0	1,543
USEPA	0	0	0	0	0	0	20	0	0	0	20
NMFS	0	0	0	0	0	0	0	405	0	0	405
USACE	0	0	0	0	0	0	0	0	10	0	10
TOTAL	5,625	1,296	10	3,930	181	760	20	405	10	875	13,112

Delta Flows, Pumping, and Export/Inflow Ratio

Kate Le and Randall Brown, DWR

Figures 1 and 2 contain plots of some important flow and pumping measurements for CY1997 and early 1998. A few notes.

- Sacramento and San Joaquin river flows and delta pumping are measured. delta outflow is calculated.
- Delta outflows shown are from the DAYFLOW program for January 1 through September 30, 1997. From October 1, 1997 through the end of the record, outflows are from DWR's O&M.
- Export/Inflow ratio are calculated from a running average and the averaging period varied as follows:
 - June 1 - May 20, 1997 - 14 days
 - May 21 - Aug 17, 1997 - 3 days
 - Aug 18 - Sep 27, 1997 - 14 days
 - Sep 28 - Oct 19, 1997 - 3 days
 - Oct 20 to present - 14 days.

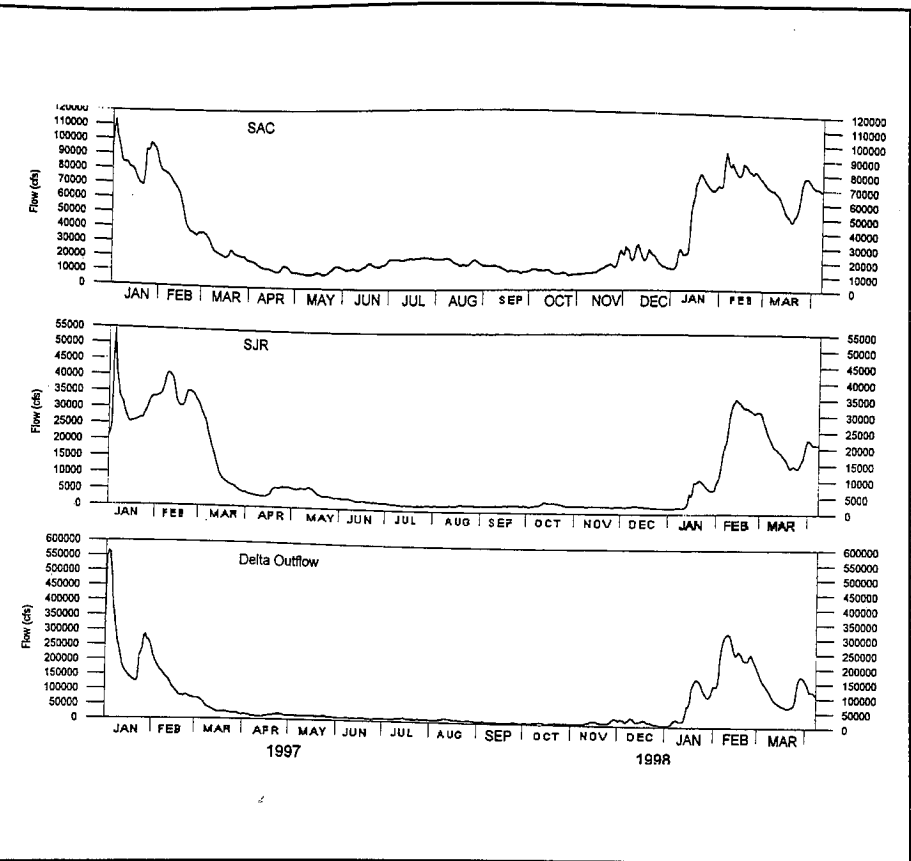


Figure 1. Sacramento and San Joaquin Rivers and Delta Outflow for January 1, 1997 through April 7, 1998

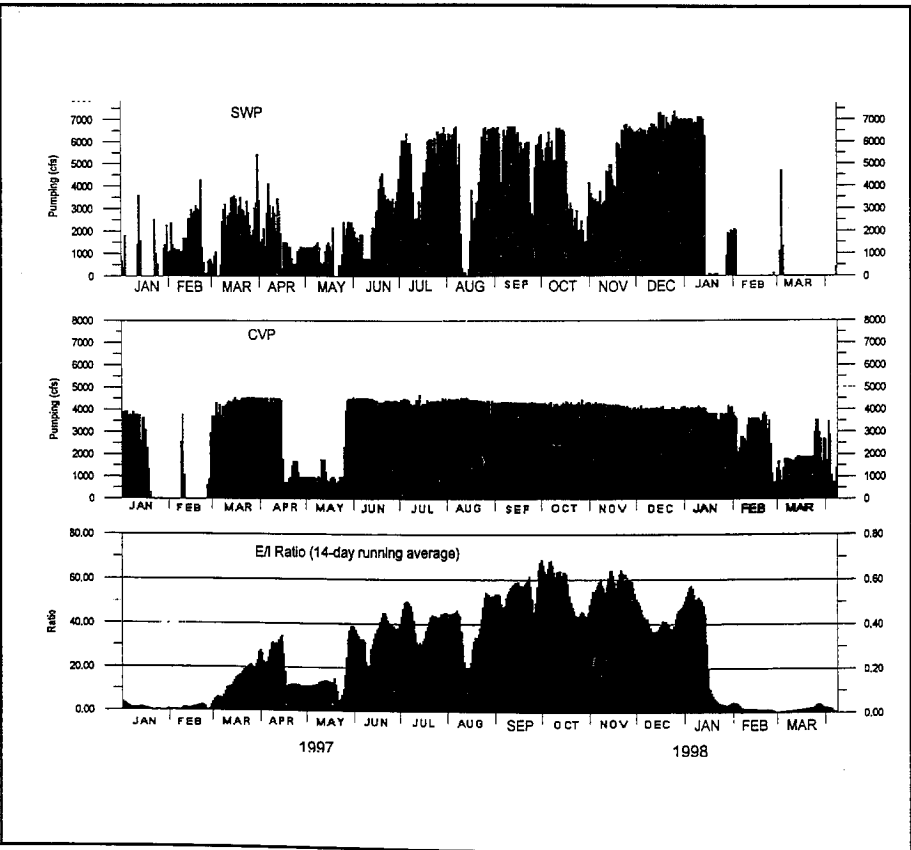


Figure 2. SWP, CVP and 14-Day E/I Ratio for January 1, 1997 through April 7, 1998